

CLAIMS

1. A molding attaching structure comprising:

a molding attaching clip fixed to a panel; and

a molding which engages with the molding attaching clip fixed to the panel to thereby be fitted along a concave groove formed in the panel so as to cover the groove from outside,

wherein the molding attaching clip comprises a fixed portion fixed in the groove of the panel, a pair of elastically deformable wall portions erected from the fixed portion in a direction away from a bottom face of the groove of the panel and separated from each other in a state where the fixed portion is attached to the panel, a pair of engaging portions provided on the pair of wall portions, and an elastically deformable guide portion projected from the fixed portion in a direction away from the bottom face of the groove of the panel,

wherein the molding comprises a head portion for covering the groove of the panel, and a projected portion protruded from a back face side of the head portion into the groove of the panel, the projected portion including a protruded main body, a pair of locking portions provided on both side faces of the protruded main body and engaged with the pair of engaging portions of the molding attaching clip by means of elastic deformation of the wall portions, and a receiving groove which is formed on a lower face of the projected portion and into

which the guide portion of the molding attaching clip can enter,
and

wherein, when engaging the molding with the molding attaching clip, the molding is positioned so that the pair of locking portions can be engaged with the pair of engaging portions, by butting the receiving groove of the molding against the guide portion.

2. A molding attaching clip for attaching a molding to a panel by being engaged with the molding to be fitted along a concave groove formed in the panel so as to cover the groove from outside, the molding attaching clip comprising:

a fixing portion to be fixed in the groove of the panel;

a pair of elastically deformable wall portions erected from the fixing portion in a direction away from a bottom face of the groove of the panel and separated from each other in a state where the fixing portion is attached to the panel; and

a pair of engaging portions provided on the pair of wall portions to be engaged with a pair of locking portions provided on the molding by means of elastic deformation of the wall portions,

wherein the fixing portion comprises an elastically deformable guide portion projected from the fixing portion in a direction away from the bottom face of the groove of the panel and adapted to enter into a receiving groove which is formed

in the molding, and

wherein, when engaging the molding, the molding is positioned so that the pair of locking portions can be engaged with the pair of engaging portions, by butting the receiving groove of the molding against the guide portion.

3. The molding attaching clip according to claim 2, wherein the engaging portions are respectively formed on opposed faces of the pair of wall portions by folding back the wall portions in a turned-back manner.

4. The molding attaching clip according to claim 3, wherein the engaging portions are respectively formed at upper ends of the opposed faces of the pair of wall portions by folding back the wall portions in a turned-back manner, and the engaging portion provided on one of the walls is inclined diagonally downwardly toward the other wall portion, while the engaging portion provided on the other wall portion is inclined diagonally downwardly toward the one wall portion.

5. The molding attaching clip according to claim 2, wherein a thermosetting double-faced adhesive tape is further provided on a back face of the fixing portion.

6. The molding attaching clip according to claim 2, wherein

the guide portion is formed by cutting and erecting a part of the fixing portion.

7. The molding attaching clip according to claim 2, wherein the guide portion has a curved portion in a substantially circular arc shape at its tip end side, and a tip end portion of the guide portion is folded diagonally downwardly from the curved portion.

8. A molding to be attached to a panel along a concave groove formed in the panel by being engaged with a molding attaching clip provided in the concave groove so as to cover the groove from outside, the molding comprising:

a head portion for covering the groove of the panel; and

a projected portion protruded from a back face side of the head portion into the groove of the panel,

wherein the projected portion comprises a protruded main body, and a pair of locking portions provided on both side faces of the protruded main body and adapted to be engaged with a pair of engaging portions provided on the molding attaching clip by means of elastic deformation of the wall portions,

wherein the projected portion has on its lower face a receiving groove into which an elastically deformable guide portion provided on the molding attaching clip can enter, and

wherein, when engaging with the molding attaching clip,

the molding is positioned so that the pair of locking portions can be engaged with the pair of engaging portions, by butting the receiving groove of the molding against the guide portion.

9. The molding according to claim 8, wherein the locking portions are formed symmetrically by injection molding on the extrusion molded protruded main body.

10. The molding according to claim 8, wherein each of the locking portion has a locking face which forms its upper face, and an inclined face which extends diagonally downwardly from an outer end of the locking face so as to reduce a width of the locking portion as it extends a downward direction.

11. The molding according to claim 8, wherein the receiving groove has a trapezoidal sectional shape.

12. The molding according to claim 8, wherein the head portion has a durometer hardness of HDA 60 to 80 according to JIS K 7215, and the projected portion has a durometer hardness of HDA 80 to 95 according to JIS K 7215.

13. The molding according to claim 8, wherein the head portion has a surface layer integrally formed on its surface, and the surface layer has a durometer hardness of HDD 40 to 50 according

to JIS K 7215.

14. The molding according to claim 8, wherein the molding is a roof molding to be fitted along a groove on a roof of a vehicle.